

WHAT IS CLAIMED IS:

1. A device for immobilizing a surgical instrument, including:  
a base;  
a movable member coupled to the base yet capable of rotating with respect to the base, the movable member including a first passage sized and shaped to substantially immobilize the instrument with respect to the movable member.
2. The device of claim 1, further including a stem including an opening, the stem and movable member fitting with each other such that the opening in the stem substantially aligns with the first passage of the movable member.
3. The device of claim 2, in which the stem carries at least one locator readable by a remote imaging system.
4. The device of claim 1, in which the base includes a groove sized and shaped to accept the instrument after the instrument has been laterally bent into the groove.
5. The device of claim 1, in combination with a locking member that engages and fixes the movable member upon tightening of the locking member when the movable member is properly positioned with respect to the device.
6. The device of claim 1, in which the base includes a mounting seat, sized and shaped to receive at least a portion of the movable member, and a collar, sized and shaped to receive at least a portion of a locking member, the collar including a coupler to detachably engage the mounting seat.
7. The device of claim 6, in which the coupler is selected from at least one of a snap-fit/leg and a screw.
8. The device of claim 1, further including a material coupled to the movable member, in which the first passage of the movable member extends

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through the material coupled to the movable member, and the material coupled to the movable member is sized and shaped to immobilize the instrument with respect to the movable member.

9. The device of claim 8, in which the material is within the movable member.

10. The device of claim 8, in which the material is within the base but outside of the movable member.

11. The device of claim 8, in which the material is selected from at least one of a rigid material, a semi-rigid material, and a relaxable material.

12. The device of claim 1, in which the movable member includes a two-piece ball assembly carrying a relaxable cylindrical stabilizer, the ball and stabilizer having a coaxially aligned passage therethrough, and in which the base includes:

a mounting seat, including a flange and a hemispherically sized and shaped seat to receive at least a portion of the ball; and

a collar, sized and shaped to receive at least a portion of a locking member, the collar including a coupler to detachably engage the mounting seat.

13. The device of claim 12, further including:

a locking member threadedly engaging the collar; and  
a guide stem, threadedly engaging the first passage of the movable member and holding open the passage through the relaxable stabilizer, the guide stem including a passage coaxially aligned to the first passage of the movable member.

14. The device of claim 1, in which the movable member includes a slide having a second passage sized and shaped to be aligned with the first passage to allow an instrument to be passed therethrough, the second passage also sized and shaped to be at least partially offset from the first passage to reduce an effective area of the first passage to grasp the instrument.

15. A method of immobilizing an instrument, including:  
providing a material having a first passage;  
introducing the instrument into the first passage; and  
reducing an effective area of the material around the instrument to  
immobilize the instrument with respect to the material.
16. The method of claim 15, including providing a base and a movable  
member coupled to the base yet capable of rotating with respect to the base, the  
movable member including a second passage aligned with the first passage.
17. The method of claim 16, including, aiming a trajectory formed by the  
commonly-aligned first passage and the second passage of the movable member  
using at least one imagable locator along the trajectory.
18. The method of claim 16, in which the base includes a groove, and further  
including laterally bending the instrument into the groove.
19. The method of claim 16, in which the providing the material includes  
providing a relaxable material, and further including providing a stem spreading  
the relaxable material around the first passage, and in which the reducing the  
effective area includes relaxing the relaxable material includes removing the  
stem over the introduced instrument.
20. The method of claim 19, further including providing a locking member,  
and engaging the locking member to the base to fix the movable member in  
place before removing the stem.
21. The method of claim 20, in which providing the base includes providing  
a mounting seat receiving the movable member and a detachable collar receiving  
the locking member, and further including, after removing the stem:
  - removing the locking member; and
  - removing the collar.

22. The method of claim 15, in which the providing the material includes providing a relaxable material, and in which the reducing the effective area of the material around the instrument includes relaxing the relaxable material around the instrument.

23. The method of claim 15, further including providing a slidable component having a second passage substantially aligned with the first passage, introducing the instrument into the substantially aligned first and second passages, and in which the reducing the effective area of the material around the instrument includes at least partially offsetting the second passage from the first passage to immobilize the instrument.

24. The method of claim 23, in which the at least partially offsetting the second passage from the first passage includes sliding the second passage with respect to the first passage.

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